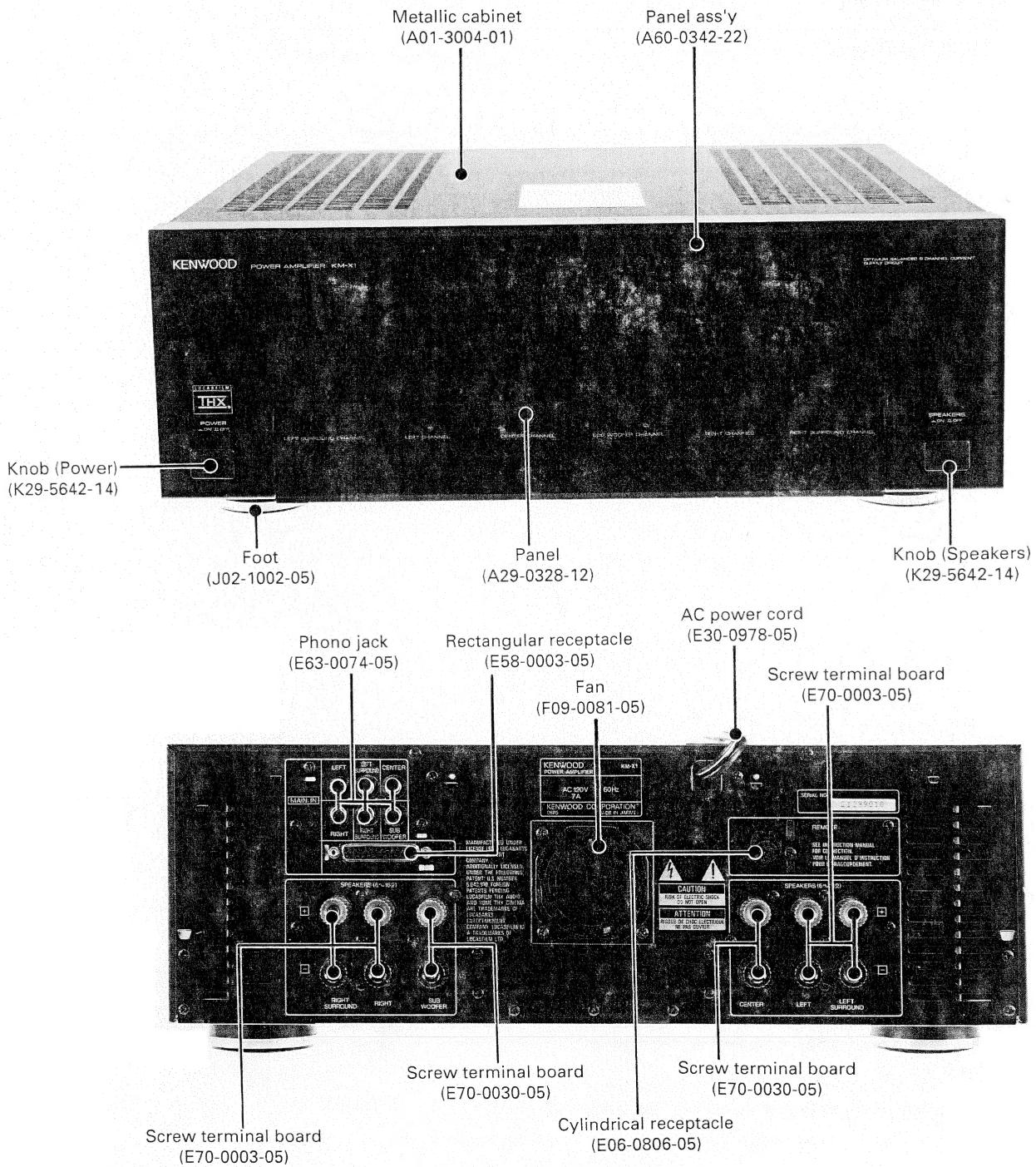


POWER AMPLIFIER
KM-X1

SERVICE MANUAL

KENWOOD

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B51- 4702-00 (J) 2073



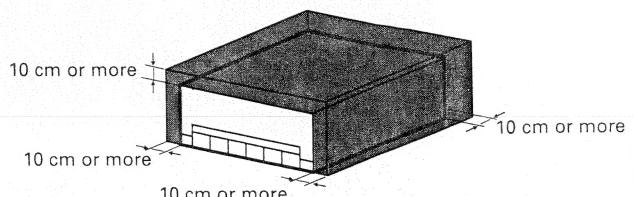
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Caution on heat generation

- This unit incorporates a cooling fan on the rear to deal with the large amount of heat generation. The fan starts rotation automatically when the internal temperature of the unit rises. Install the unit taking care not to block the ventilation (heat radiation).
 - * Reserve clearances of more than 10 cm on the left and right, behind and above the unit. When the unit is installed in a rack, do not close tight with a door.
- The cooling fan of this unit is designed to absorb external air. If curtain or sheet of paper is attracted to the unit, the internal temperature may rise, and the sound may not be produced when the protection circuitry is activated due to temperature rise. Please be careful against this.

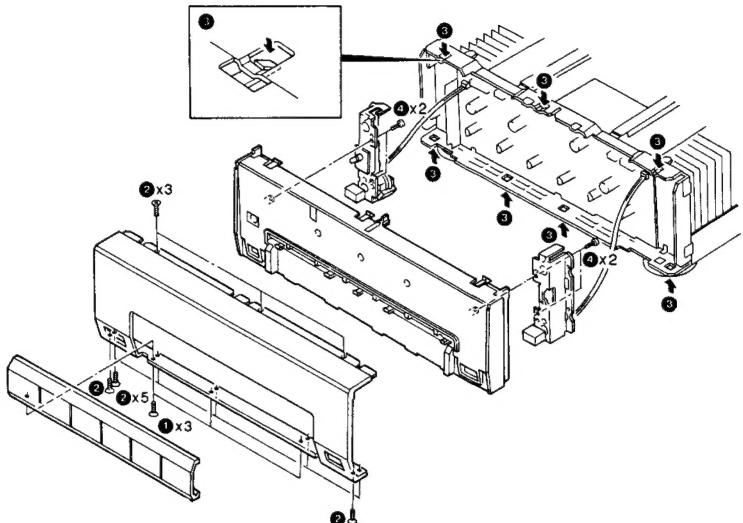
To allow heat radiation, leave a space, shown with [] between this unit and the walls or rack shelves.



DISASSEMBLY FOR REPAIR

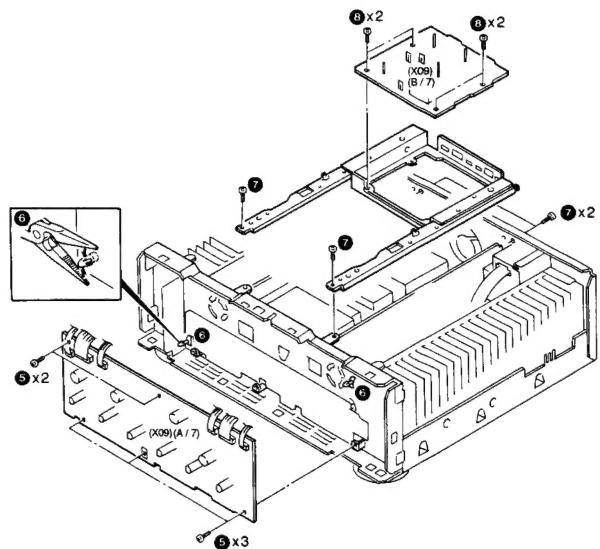
1) Removing the front panel and panel escutcheon

1. Remove the three screws (1), then remove the small panel at the bottom.
2. Remove the 10 screws (2), then remove the front panel.
3. Remove the seven hooks (3), then remove the panel escutcheon.
4. Remove the four screws (4), then remove the switch fitting.



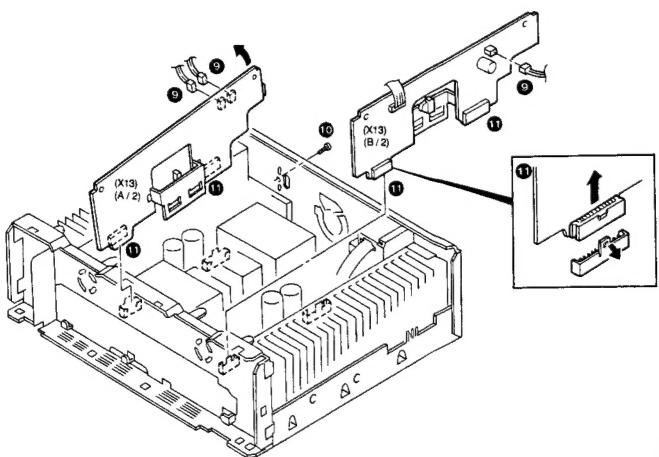
2) Removing X09, A/7 (A-class PCB) and X09, B/7

5. Remove the five screws (5).
6. Remove the two unit holders (6), then remove the PCB.
7. Remove the four screws (7), then remove the frame.
8. Remove the four screws (8), then remove the PCB.



3) Removing X13 (B-class PCB)

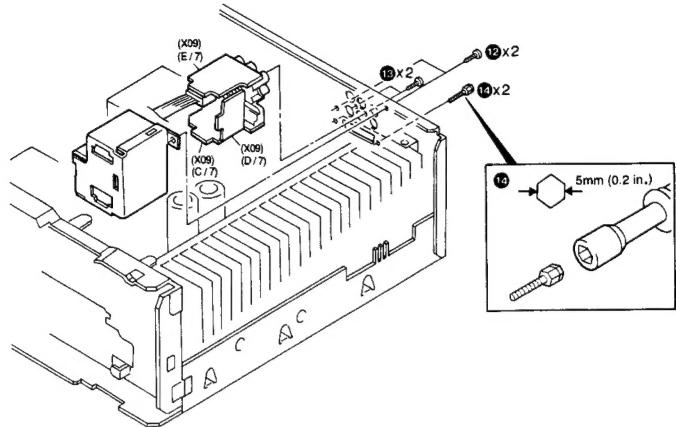
9. Disconnect the three connectors (9).
10. Remove the one screw (10).
11. Disconnect the four connectors (11), then remove the PCB.
 - * Move the R-side PCB (X13, B/2) to the sub-chassis side, lift the terminal side, and remove the PCB to prevent damage to the DB25 terminal.
 - * Note that the connector does not go in easily when the R-side PCB (X13, B/2) has been installed.



DISASSEMBLY FOR REPAIR

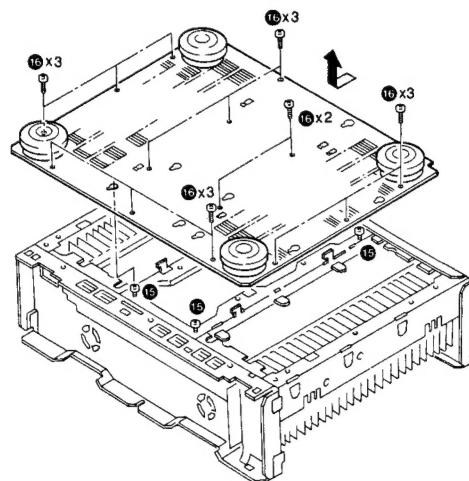
4) Removing the DB25 terminal

12. Remove the two screws (12), then remove the fitting.
13. Remove the two screws (13), then remove the two hexagonal-head bolts (14) with the box screwdriver (5 mm [0.2 in.]), and remove the PCB.



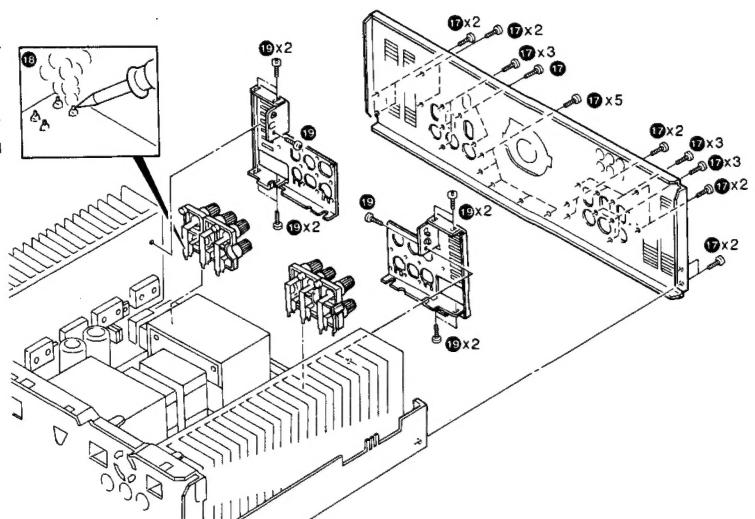
5) Removing the bottom plate

14. Loosen the three screws (15).
15. Remove the 14 screws (16), then slide the bottom plate slightly forward and remove it.



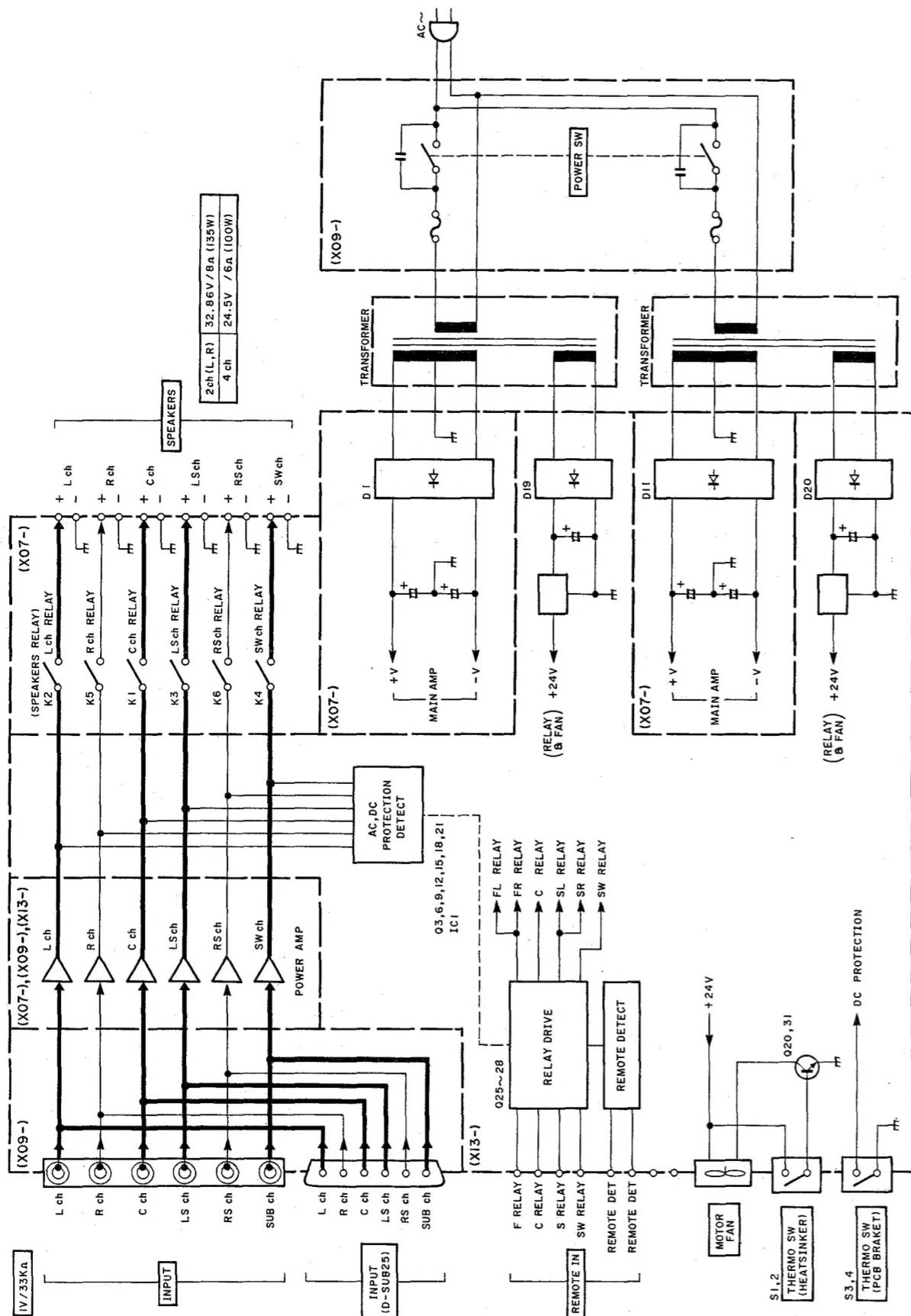
6) Removing the speaker terminals

16. Remove the 26 screws (17), then remove the rear panel.
17. Remove the solder from the speaker terminals (18), remove the 10 screws (19) holding the fitting, then remove the two speaker terminals.



KM-X1

BLOCK DIAGRAM



KM-X1

ADJUSTMENT

No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG
Unless you have some special reason otherwise, please use the following setting for each switch. POWER: ON SPEAKER: ON							
1	OFF-SET VOLTAGE	-	Connect a DC voltmeter to each channel of speaker terminal (+, -).	-	Lch : VR1 Rch : VR5 LSch : VR3 RSch : VR6 Cch : VR2 SWch : VR4 (X09-3800-10)	OV	
2	IDLE CURRENT	-	Connect a DC voltmeter between TP8 and TP10 (Lch) TP4 and TP6 (LSch) TP12 and TP14 (Cch). (X07-2750-10, A/2)	-	Lch : VR2 LSch : VR1 Cch : VR3 (X07-2750-10, A/2)	8mV	
			Connect a DC voltmeter between TP7 and TP9 (Rch) TP3 and TP5 (RSch) TP11 and TP13 (SWch). (X07-2750-10, B/2)	-	Rch : VR5 RSch : VR4 SWch : VR6 (X07-2750-10, B/2)		

REGLAGE

No.	ITEM	REGLAGE D' ENTREE	REGLAGE DE SORTIE	REGLAGE DU LECTEUR	POINT D'ALIGNEMENT	ALIGNEMENT POUR	FIG
A moins que l'on n'ait d'autres raisons, utiliser le réglage suivant pour chaque commutateur. ALIMENTATION: ACTIVE HAUT-PARLEUR: ACTIVE							
1	TENSION DE SUPPRESSION	-	Connecter un voltmètre CC à chaque canal de borne de haut-parleur (+, -).	-	Lch : VR1 Rch : VR5 LSch : VR3 RSch : VR6 Cch : VR2 SWch : VR4 (X09-3800-10)	OV	
2	COURANT REACTIF	-	Connecter un voltmètre CC entre TP8 et TP10 (Lch) TP4 et TP6 (LSch) TP12 et TP14 (Cch). (X07-2750-10, A/2)	-	Lch : VR2 LSch : VR1 Cch : VR3 (X07-2750-10, A/2)	8mV	
			Connecter un voltmètre CC entre TP7 et TP9 (Rch) TP3 et TP5 (RSch) TP11 et TP13 (SWch). (X07-2750-10, B/2)	-	Rch : VR5 RSch : VR4 SWch : VR6 (X07-2750-10, B/2)		

ABGLEICH

Nr.	GEGENSTAND	EINGABE EINSTELLUNG	AUSGABE EINSTELLUNG	PLAYER EINSTELLUNG	AUSRICHTUNGSPUNKT	AUSRICHTEN FÜR	ABB
Außer wenn Sie einen besonderen anderen Grund haben, verwenden Sie bitte die folgenden Einstellungen für jeden Schalter. STROMVER- SORGUNG: EIN LAUTSPRECHER: EIN							
1	OFF-SET- SPANNUNG	-	Schließen Sie eine GS-Spannungsmesser an jedem Kanal der Lautsprecherbuchse an (+, -).	-	Lch : VR1 Rch : VR5 LSch : VR3 RSch : VR6 Cch : VR2 SWch : VR4 (X09-3800-10)	OV	
2	BLINDSTROM	-	Einen GS-Spannungsmesser zwischen TP8 und TP10 (Lch) TP4 und TP6 (LSch) TP12 und TP14 (Cch) anschließen. (X07-2750-10, A/2)	-	Lch : VR2 LSch : VR1 Cch : VR3 (X07-2750-10, A/2)	8mV	
			Einen GS-Spannungsmesser zwischen TP7 und TP9 (Rch) TP3 und TP5 (RSch) TP11 und TP13 (SWch) anschließen. (X07-2750-10, B/2)	-	Rch : VR5 RSch : VR4 SWch : VR6 (X07-2750-10, B/2)		

A

B

C

D

E

F

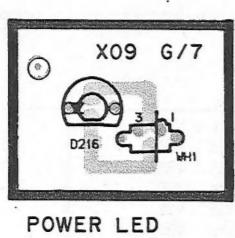
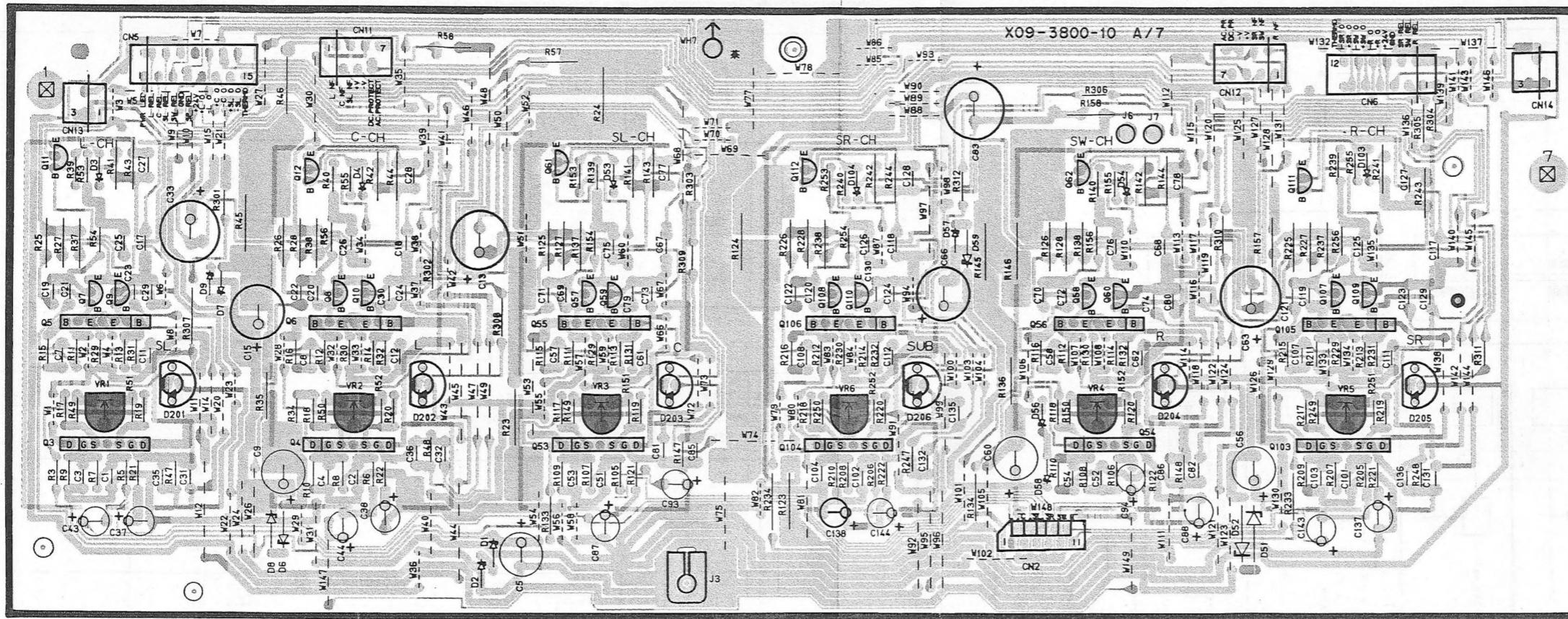
G

H

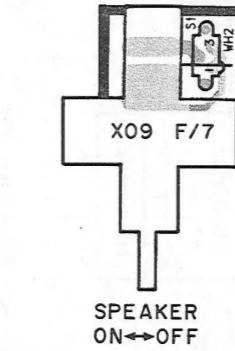
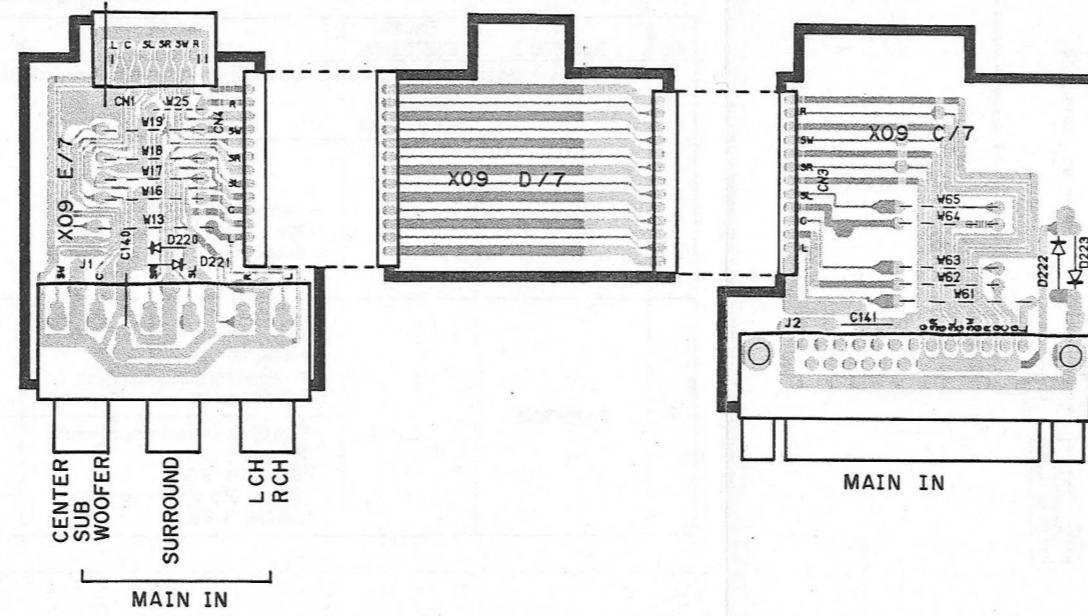
I

J

PC BOARD (Component side view)

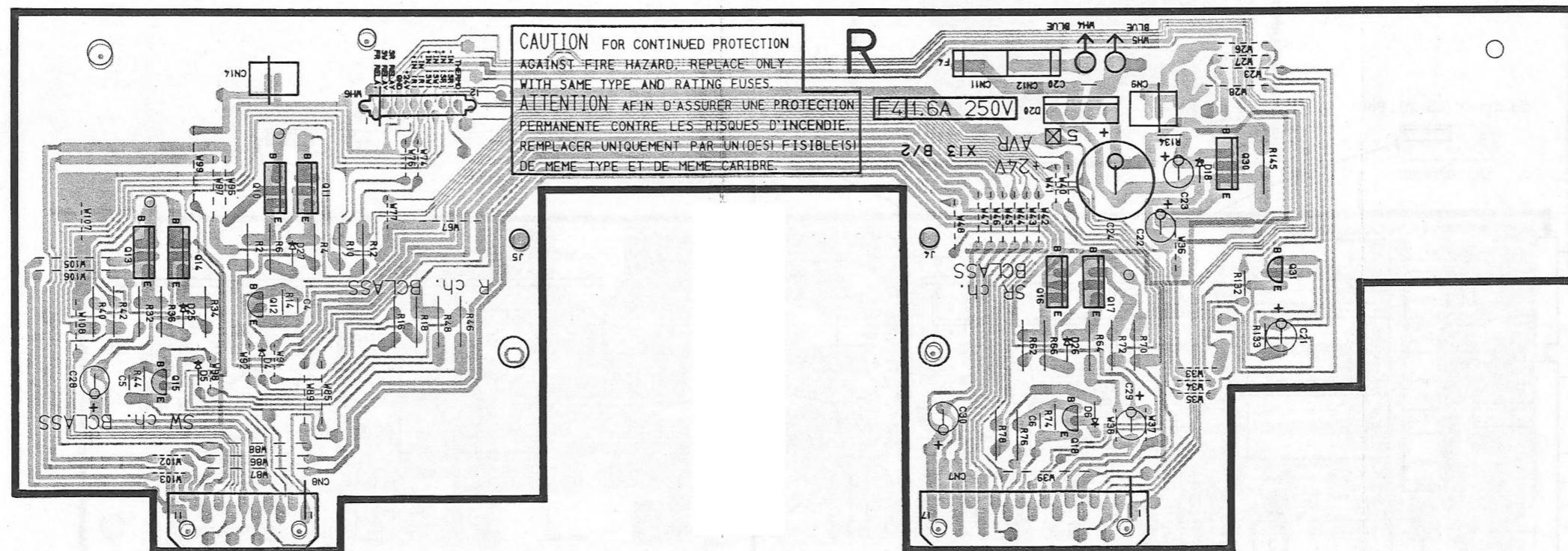
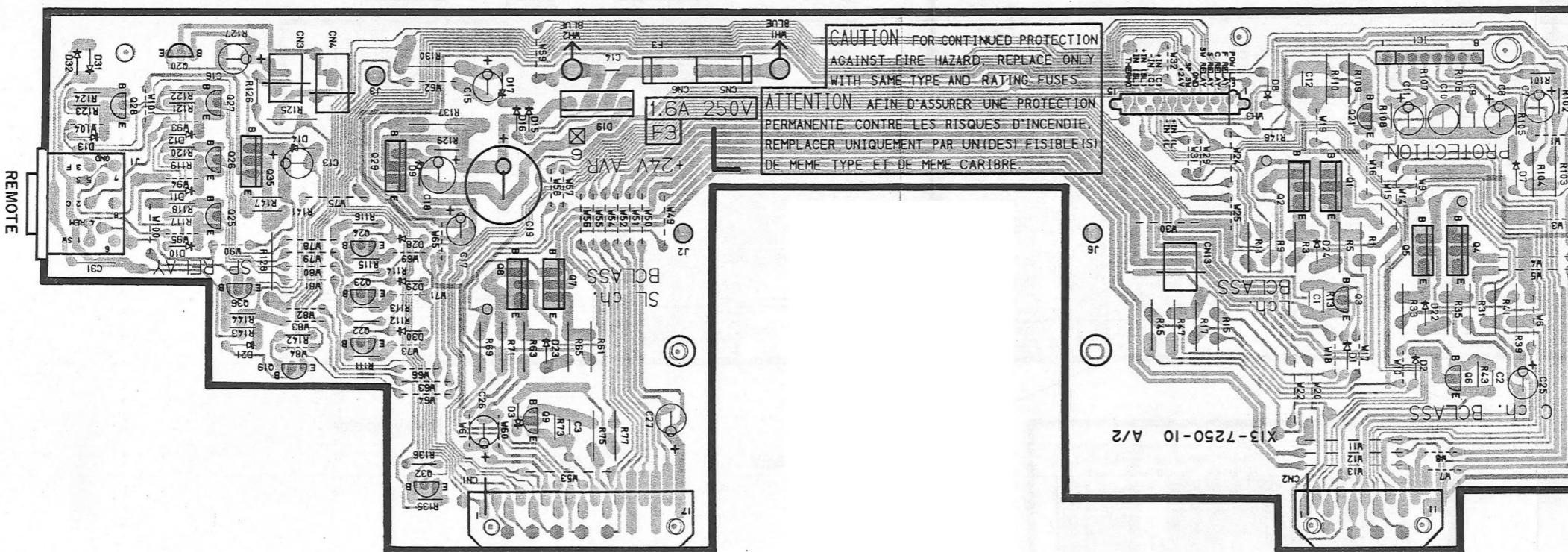


POWER LED

SPEAKER
ON-OFF

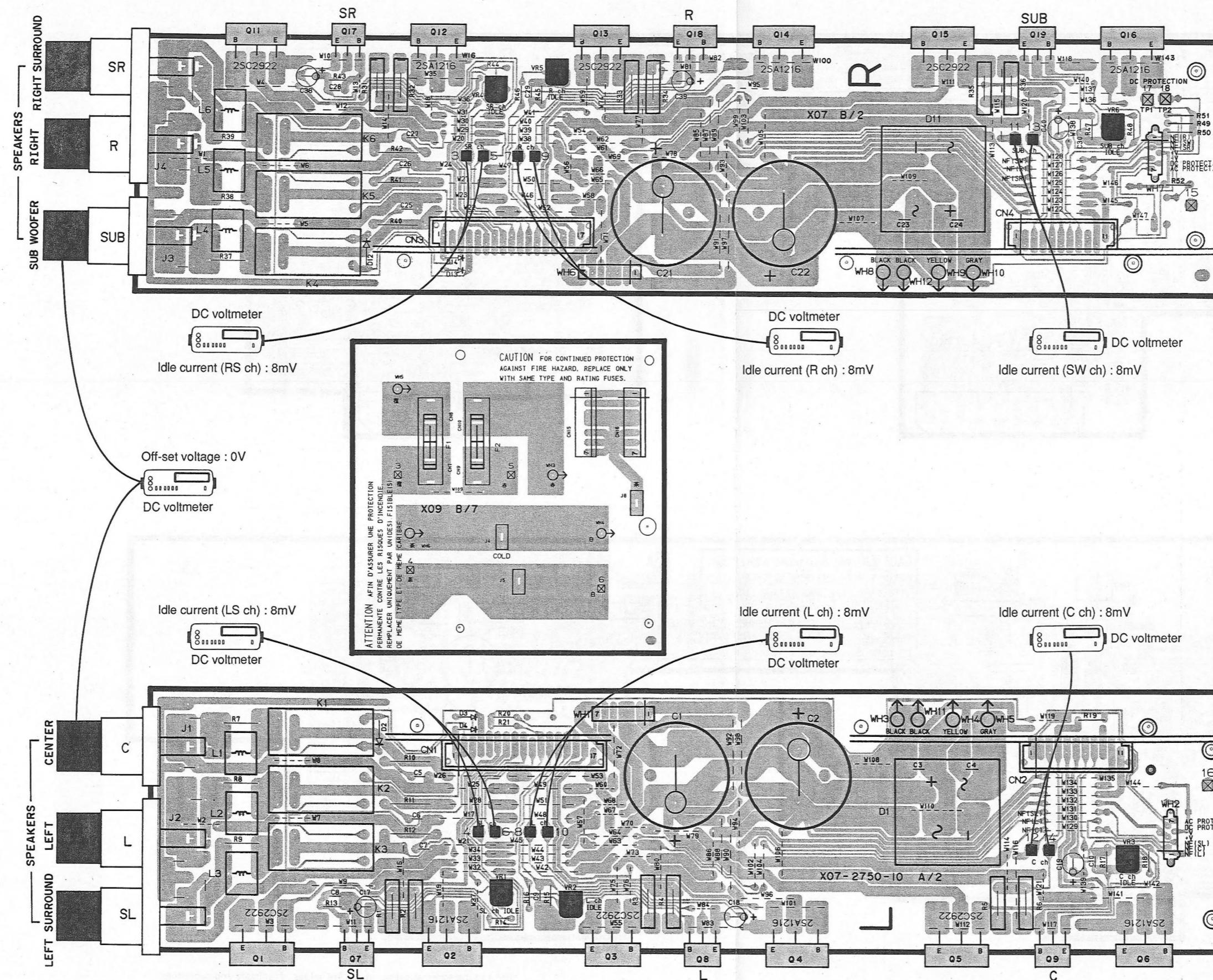
Refer to the schematic diagram for the values of registers and capacitors.

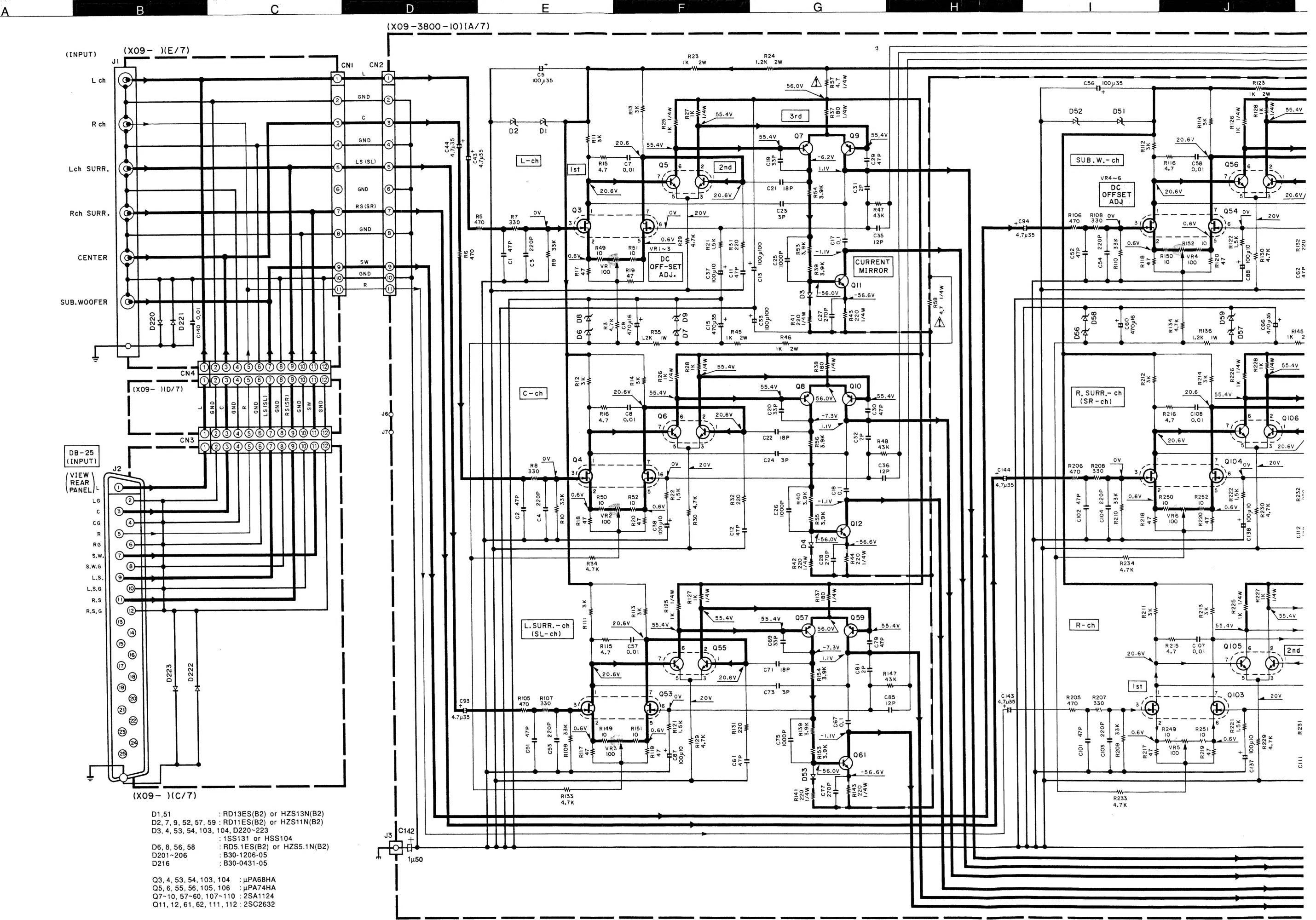
PC BOARD (Component side view)

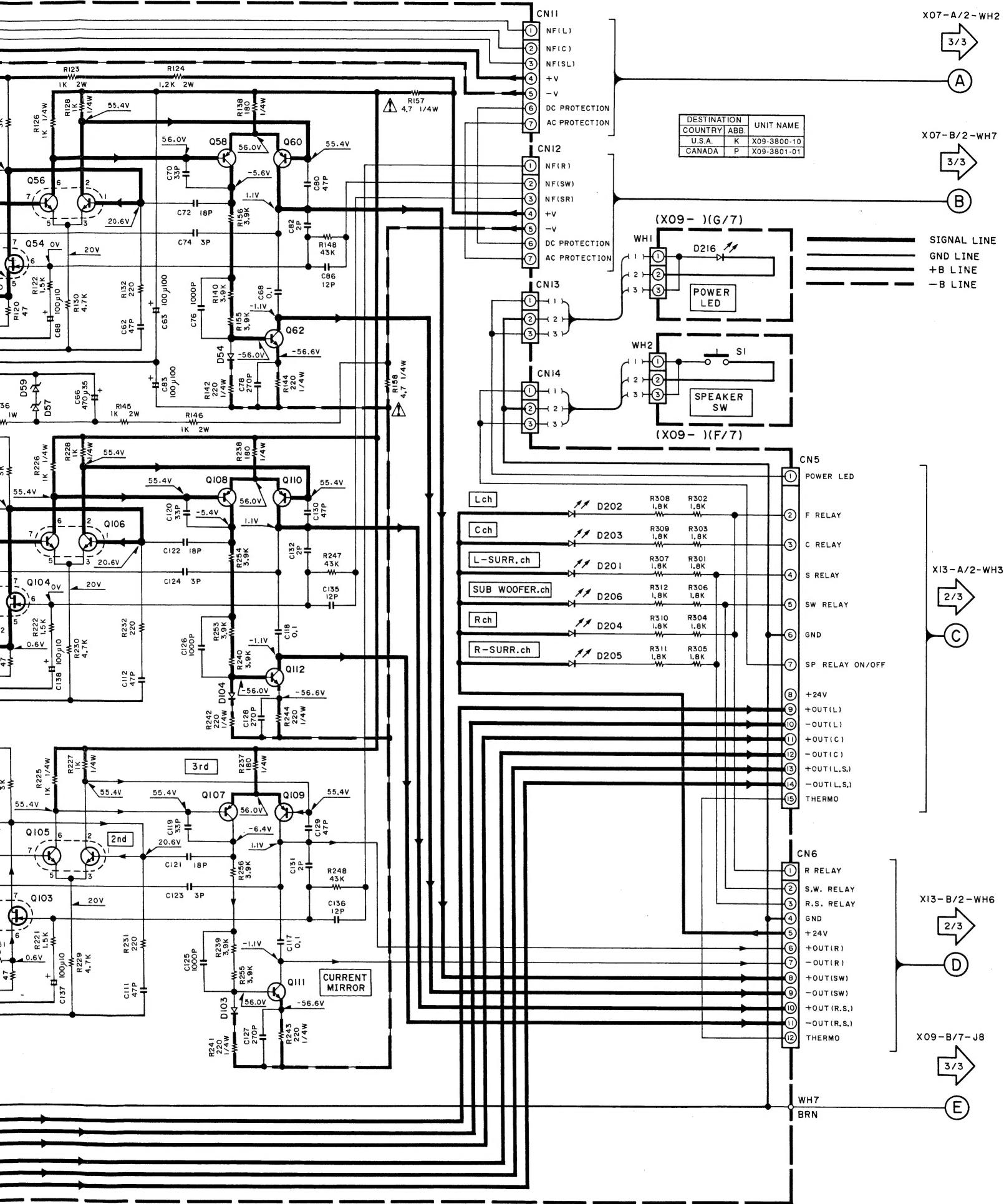


Refer to the schematic diagram for the values of registers and capacitors.

PC BOARD (Component side view)







CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  Indicate safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out. (exposed parts are acceptably insulated from the supply circuit before the appliance is returned to the customer)

DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance sans signal d'entrée. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

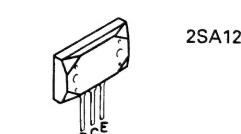
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.



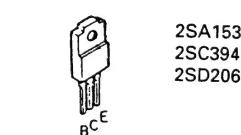
8
2SA11
2SA99
2SC18
2SC26
2SC32



2SA10
2SC24



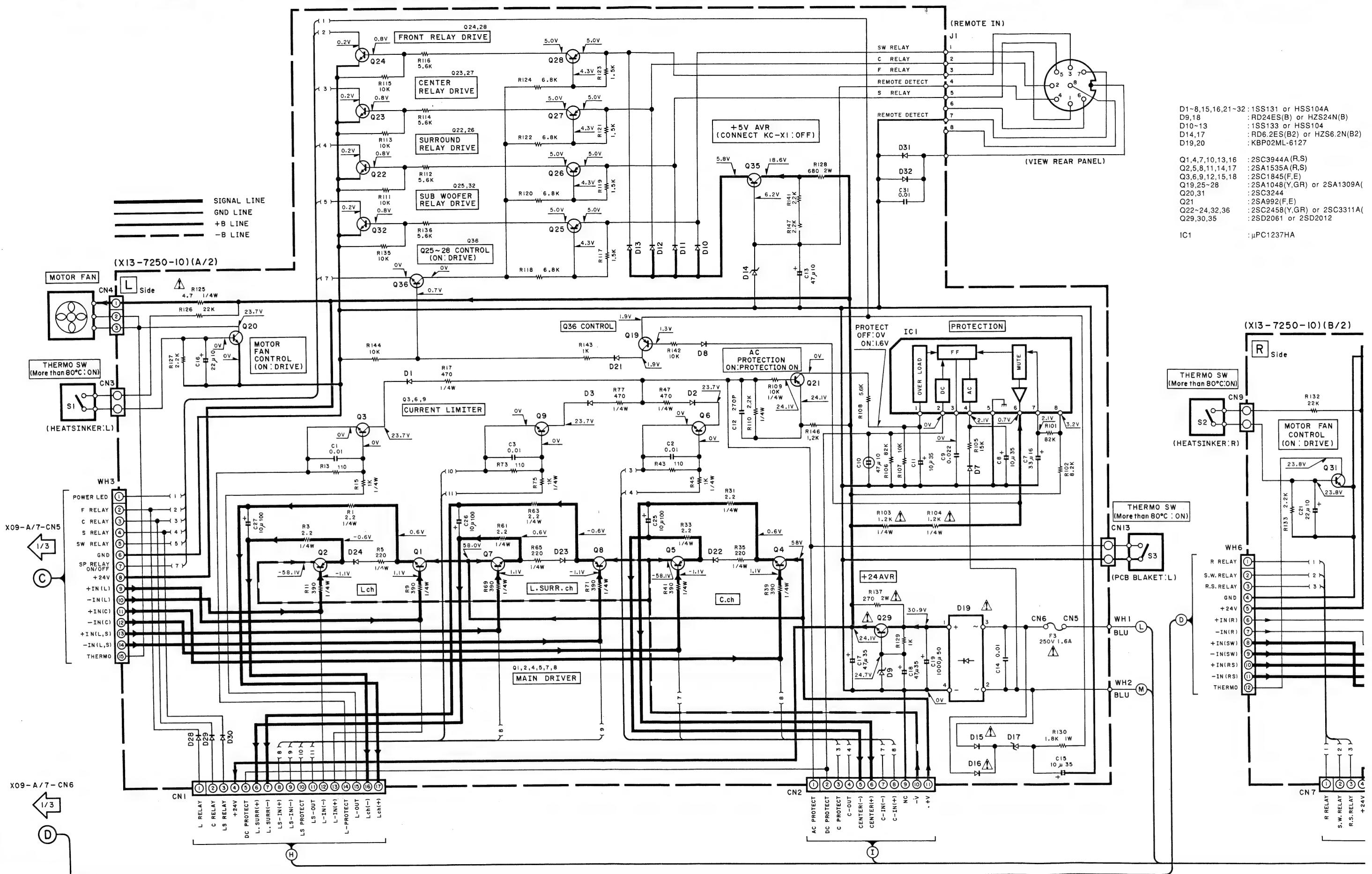
2SA12



2SA153
2SC394
2SD206



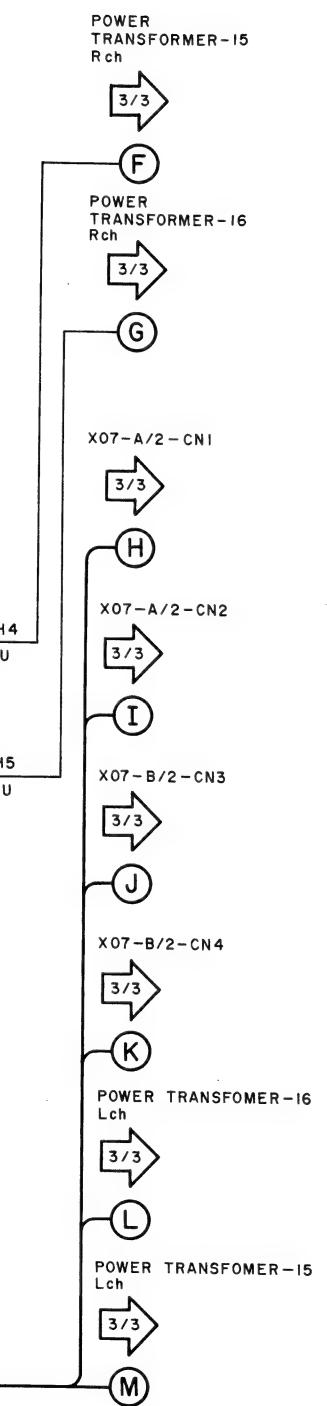
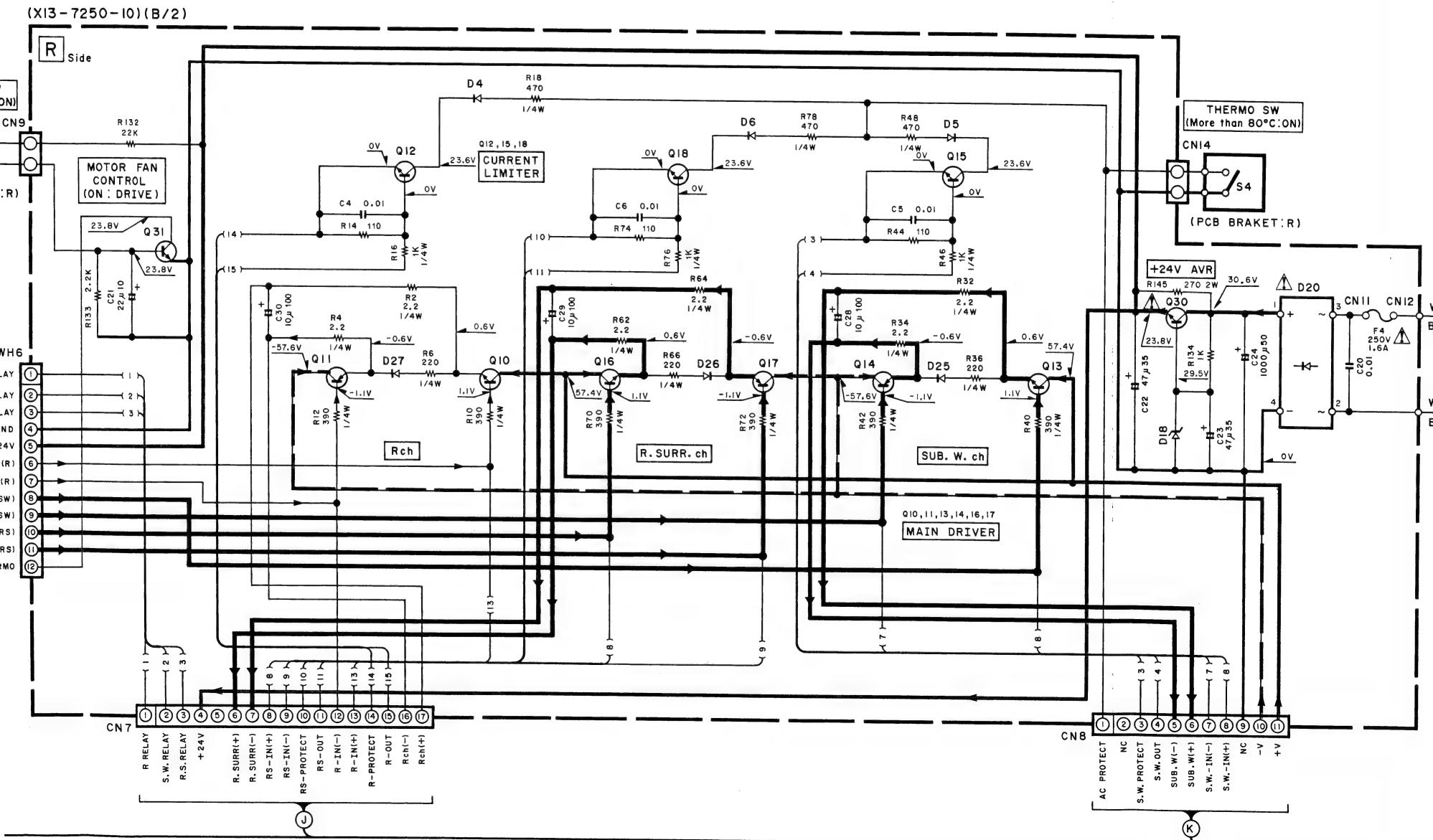
2SA13
2SC33



21~32 : ISS131 or HSS104A
: RD24ES(B) or HZS24N(B)
: ISS133 or HSS104
: RD6.2ES(B2) or HZS6.2N(B2)
: KBP02ML-6127

,16 : 2SC3944A(R,S)
 ,17 : 2SA1535A(R,S)
 ,18 : 2SC1845(F,E)
 : 2SA1048(Y,GR) or 2SA1309A(Q,R)
 : 2SC3244
 : 2SA992(F,E)
 6 : 2SC2458(Y,GR) or 2SC3311A(Q,R)
 : 2SD2061 or 2SD2012

: μPC1237HA



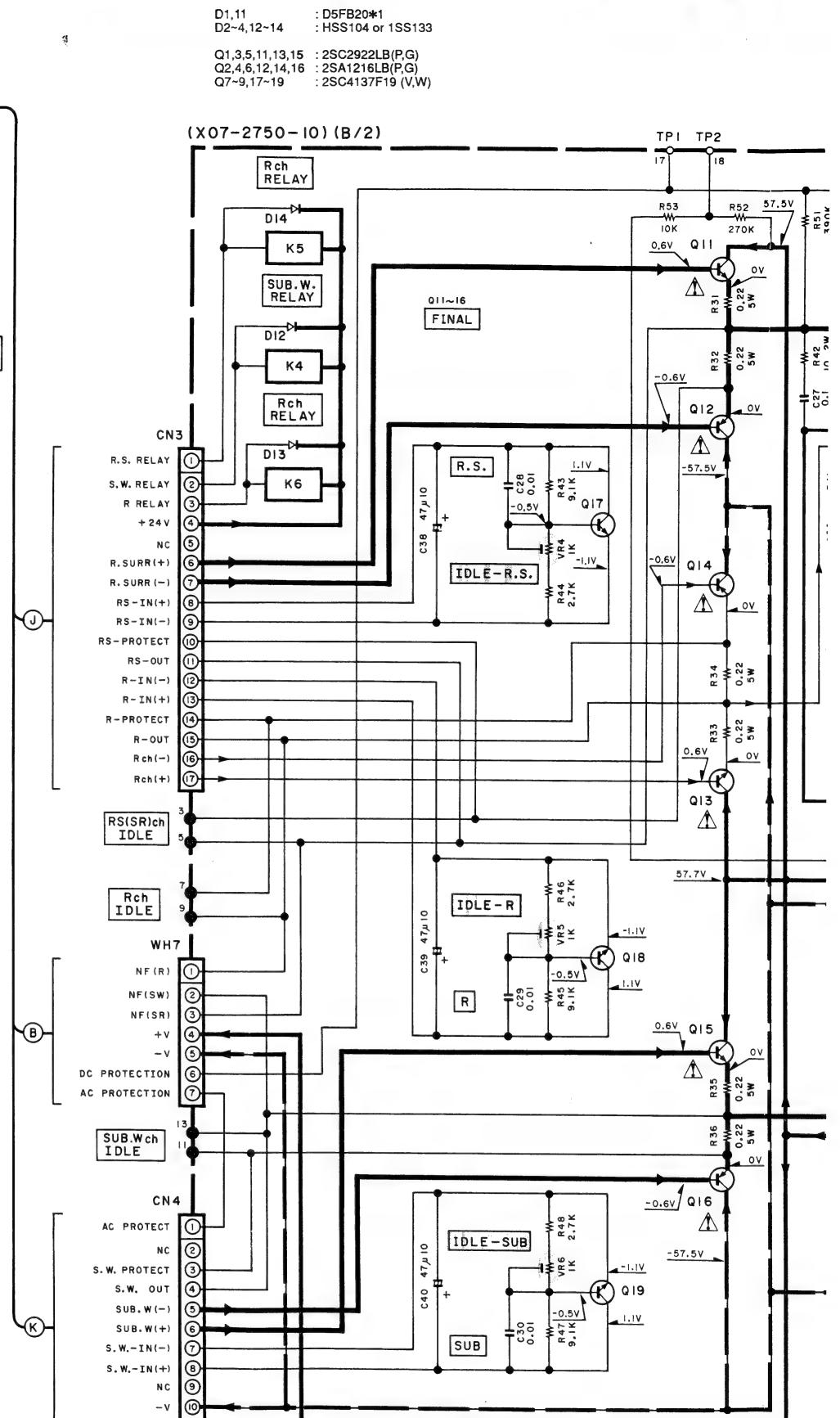
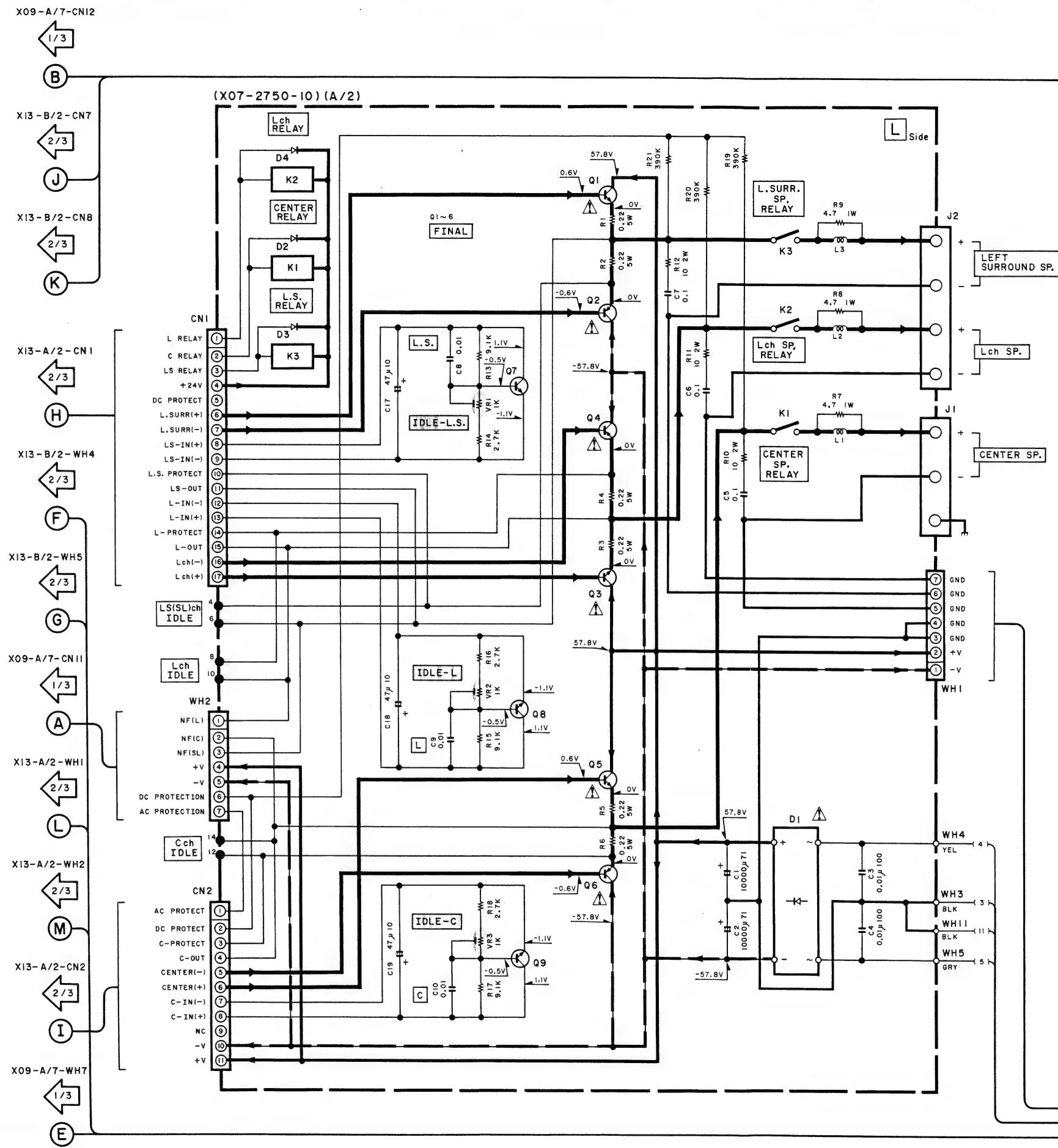
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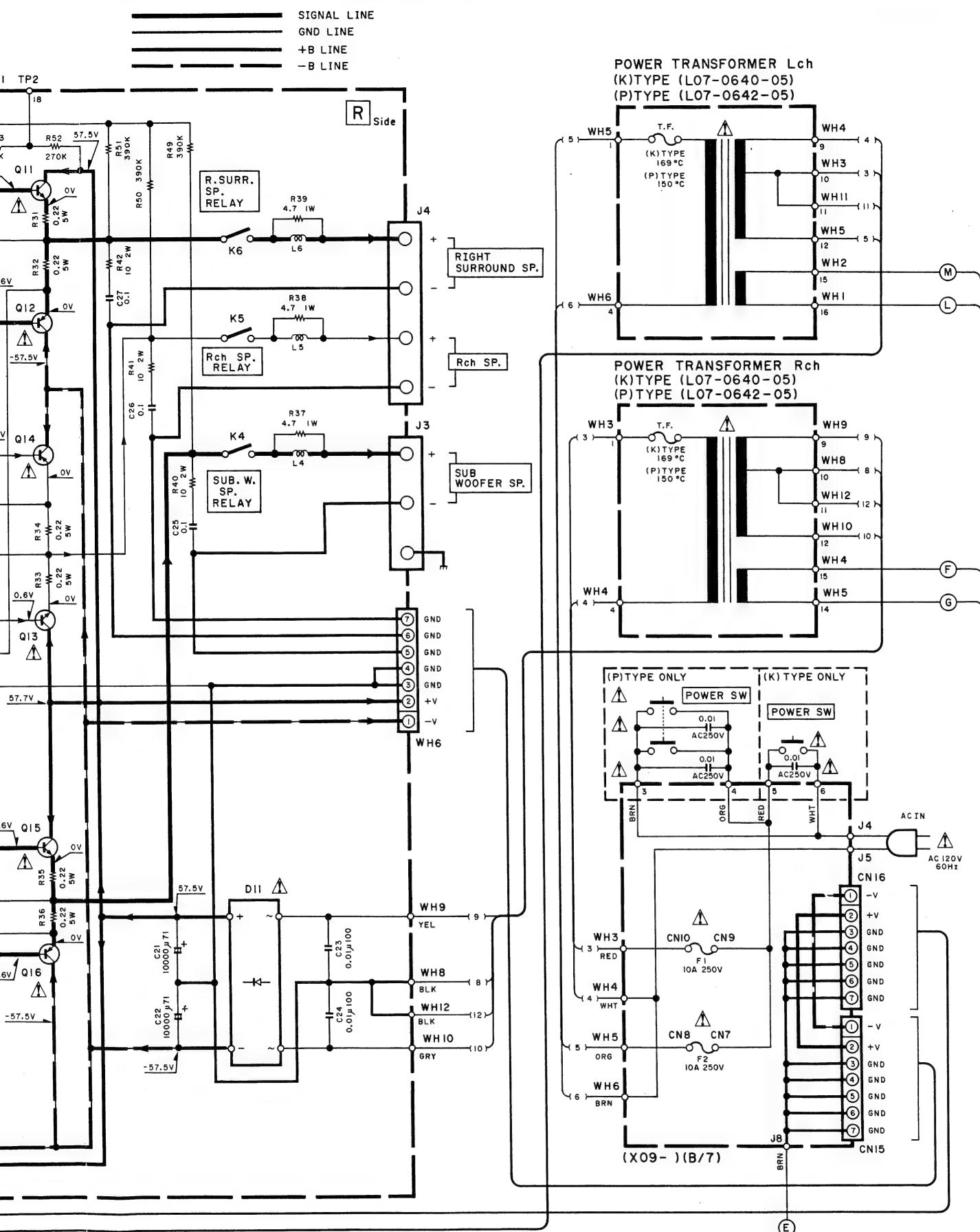
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Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.

AO AP AQ AR AS AT AU AV AW AX

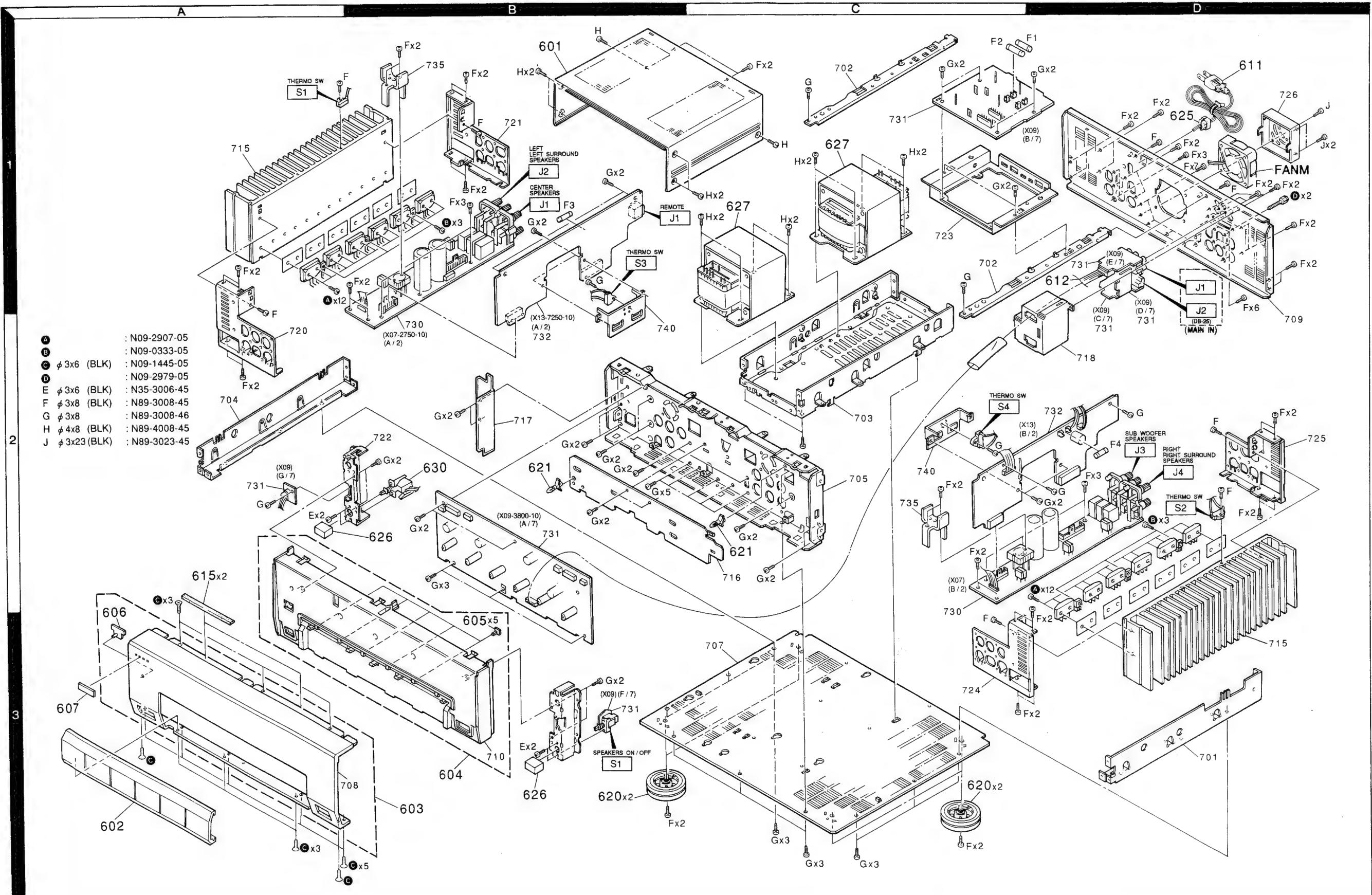


D1,11 : D5FB20*1
D2-4,12-14 : HSS104 or 1SS133
Q1,3,5,11,13,15 : 2SC2922LB(P,G)
Q2,4,6,12,14,16 : 2SA1216LB(P,G)
Q7,9,17-19 : 2SC4137F19 (V,W)



KM-X1

KM-X1 EXPLODED VIEW



| Ref. No. | Address | New Parts |
|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|
| 参照番号 | 位置 | 新規 |

No. 2	Desti- nation (付)	Re- marks (付)	Description	部品名 / 規格	部品番号	新規	Ref. No.	Address	位置	新規	Ref. No.
<i>× New Parts Parts without Parts No. are not supplied. Les articles non mentionnés dans le Parts No. ne sont pas fournis. Teile ohne Parts No. werden nicht geliefert.</i>											

Ref. No.	Address	New Parts	Ref. No.	Address	New Parts	Ref. No.	Address	New Parts	Ref. No.	Address	New Parts
<i>× New Parts Parts without Parts No. are not supplied. Les articles non mentionnés dans le Parts No. ne sont pas fournis. Teile ohne Parts No. werden nicht geliefert.</i>											

Parts with the exploded numbers larger than 700 are not supplied.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Telle ouvre Parts No. werden nicht geliefert.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Telle ouvre Parts No. werden nicht geliefert.

No. 1

Ref. No.	Address	New Part No.	Parts No.	Description	部品名 / 规格	Desti- nation parts 付
C1	L:Scandinavia Y:PX(East, Hawaii) Y:AAFE(Europe)	K:USA	P:Canada			
C2	H:England	E:Europe	X:Australia			
C3	M:Other Areas					
KM-X1						
601	1BA	*	A01-3004-01	METALLIC CABINET	1000PF K	
602	3A	*	A29-0328-12	PANEL ASSY	270PF J	J
603	3A	*	A60-0342-22	PANEL ASSY	47PF C	J
604	3B	*	B12-0155-04	PANEL ESCUTCHEON ASSY	2.0PF C	J
605	3B	*	B01-0497-12	INDICATOR	100UF 100V	J
606	3A	*	B12-0155-04	KENWOOD BADGE		J
607	-	*	B43-0387-04	WARRANTY CARD		J
-	-	*	B46-0121-23	WARRANTY CARD		J
-	-	*	B46-0167-00	QUESTIONNAIRE CARD		J
-	-	*	B60-1089-00	INSTRUCTION MANUAL (ENGLISH)		J
-	-	*	B60-1090-00	INSTRUCTION MANUAL (FRENCH)		J
△	611	1D		FAN	0.01UF 250VAC	J
△	612	1D		FAN	0.01UF 250VAC	J
POWER AMPLIFIER UNIT (X07-2750-10)						
△	615	3A	G11-0191-04	SOFT TAPE (90X5X2.5)	1000PF K	
-	-	*	H10-5432-02	POLYSTYRENE FOAMED FIXTURE	1000PF K	
-	-	*	H10-5433-02	POLYSTYRENE FOAMED FIXTURE	1000PF K	
-	-	*	H25-0323-04	PROTECTION BAG (235X350X0.03)	1000PF K	
-	-	*	H25-0319-04	PROTECTION BAG (850X450X0.03)	1000PF K	
-	-	*	H50-0530-04	ITEM CARTON CASE	1000PF K	
△	620	3B	J02-1002-05	FOOT HOLDER	1000PF K	
△	625	1D	J19-3324-15	POWER CORD BUSHING	1000PF K	
-	-	*	J42-0083-05	WIRE BAND	1000PF K	
△	626	2A, 3B	K29-5042-14	KNOB, POWER, SPEAKER	1000PF K	
△	627	1B, 1C	L07-0440-05	POWER TRANSFORMER	10000UF 71W	
△	627	1B, 1C	L07-0642-05	POWER TRANSFORMER	10000UF 71W	
A	C		N09-2397-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
B	C		N09-3033-05	TAPPING SCREW (3X12)	10000UF 71W	
C	D	*	N09-1435-05	SET SCREW (M3X8)	10000UF 71W	
D	E	*	N09-2979-05	HEXAGON HEAD BOLT	10000UF 71W	
E	F	*	N35-3006-45	HEXAGON HEAD BINDING HEAD	10000UF 71W	
F	G	*	N69-3008-45	HEXAGON HEAD TAPITTE SCREW	10000UF 71W	
G	H	*	N69-3008-46	HEXAGON HEAD TAPITTE SCREW	10000UF 71W	
H	J	*	N89-3023-45	HEXAGON HEAD TAPITTE SCREW	10000UF 71W	
I	△	630	2B	PUSH SWITCH (POWER TYPE)	10000UF 71W	
J	△	630	2B	PUSH SWITCH (POWER TYPE)	10000UF 71W	
C1	C3	1, 2	C90-3578-05	ELECTRO	10000UF 71W	
C2	C5	1, 2	CQ9H2A103J	MYLAR	0.01UF J	
C3	C5	1, 2	CK45FSL1H03Z	ELECTRO	0.01UF J	
C4	C8	1, 2	CC45FSL1H20J	CERAMIC	0.01UF J	
C5	C8	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C6	C6	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C7	C7	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C8	C8	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C9	C9	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C10	C10	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C11	C11	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C12	C12	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C13	C13	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C14	C14	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C15	C15	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C16	C16	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C17	C17	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C18	C18	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C19	C19	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C20	C20	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
C21	C21	1, 2	CC45FSL1H40J	ELECTRO	0.01UF J	
C22	C22	1, 2	CC45FSL1H40J	CERAMIC	0.01UF J	
POWER TRANSFORMER						
C23	C23	1, 2	C90-3444-05	POWER TRANSFORMER	10000UF 71W	
C24	C24	1, 2	C90-3444-05	POWER TRANSFORMER	10000UF 71W	
SEWS (TAPITTE SCREW) (3X14)						
C25	C25	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C26	C26	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C27	C27	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C28	C28	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C29	C29	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C30	C30	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C31	C31	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C32	C32	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C33	C33	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C34	C34	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C35	C35	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C36	C36	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C37	C37	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C38	C38	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C39	C39	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C40	C40	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C41	C41	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C42	C42	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C43	C43	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C44	C44	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C45	C45	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C46	C46	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C47	C47	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C48	C48	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C49	C49	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C50	C50	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C51	C51	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C52	C52	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C53	C53	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C54	C54	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C55	C55	1, 2	C90-3537-05	SEWS (TAPITTE SCREW) (3X14)	10000UF 71W	
C56	C56	1, 2	C90-3440-05	ELECTRO	1000UF 35WV	
C57	C57	1, 2	C90-3440-05	ELECTRO	1000UF 35WV	
C58	C58	1, 2	C90-3440-05	ELECTRO	1000UF 35WV	
C59	C59	1, 2	C90-3440-05	ELECTRO	1000UF 35WV	
C60	C60	1, 2	C90-3440-05	ELECTRO	1000UF 35WV	
C61	C61	1, 2	C90-3444-05	ELECTRO	1000UF 35WV	
C62	C62	1, 2	C90-3444-05	ELECTRO	1000UF 35WV	
C63	C63	1, 2	C90-3444			

PARTS LIST

No. 6

Ref. No.	参照番号	Address	New Parts	Parts No.	部品番号	Description	部品名／規格	Desti- nation	Re- marks
R12B		RS14KKB3D681J		FL-P000F	RS 680	J 2W			
R13C		RS14KKB3A182J		FL-P000F	RS 1.8K	J 1W			
R13D		RS14KKB3D271J		FL-P000F	RS 270	J 2W			
R14S		RS14KKB3D271J		FL-P000F	RS 270	J 2W			
S1 - 4	1A,1B	S79-0004-05			THERMAL SWITCH				
D1	-8	HS104A		DIODE					
D1	-8	1SS131		DIODE					
D9		HZ56-2N(B2)		ZENER DIODE					
D9		RD24ES(B)		ZENER DIODE					
D10	-13	HS104		DIODE					
D10	-13	1SS133		ZENER DIODE					
D14		HZ56-2N(B2)		ZENER DIODE					
D14		RD6-2ES(B2)		ZENER DIODE					
D15	'16	HS104A		DIODE					
D15	'16	1SS131		DIODE					
D17		HZ56-2N(B2)		ZENER DIODE					
D17		RD6-2ES(B2)		ZENER DIODE					
D18		HS24N(B)		ZENER DIODE					
D18		RD24IS(B)		ZENER DIODE					
D19	,20	KBP02ML-6-127		DIODE					
D21	-32	HS104A		DIODE					
D21	-32	1SS131		ICPOWER AMP					
IC1		UPC1237HA		TRANSISTOR					
Q1	*	2SC3944(A(R,S))		TRANSISTOR					
Q2	*	2SA1535(A(R,S))		TRANSISTOR					
Q3	*	2SC1845(F,E)		TRANSISTOR					
Q4	*	2SC3944(A(R,S))		TRANSISTOR					
Q5	*	2SA1535(A(R,S))		TRANSISTOR					
Q6	*	2SC1845(F,E)		TRANSISTOR					
Q7	*	2SC3944(A(R,S))		TRANSISTOR					
Q8	*	2SA1535(A(R,S))		TRANSISTOR					
Q9	*	2SC1845(F,E)		TRANSISTOR					
Q10	*	2SC3944(A(R,S))		TRANSISTOR					
Q11	*	2SA1535(A(R,S))		TRANSISTOR					
Q12	*	2SC1845(F,E)		TRANSISTOR					
Q13	*	2SC3944(A(R,S))		TRANSISTOR					
Q14	*	2SA1535(A(R,S))		TRANSISTOR					
Q15	*	2SC1845(F,E)		TRANSISTOR					
Q16	*	2SC3944(A(R,S))		TRANSISTOR					
Q17	*	2SA1535(A(R,S))		TRANSISTOR					
Q18		2SC1845(F,E)		TRANSISTOR					
Q19		2SA1048(Y,GR)		TRANSISTOR					
Q20		2SC3311(A,Q,R)		TRANSISTOR					
Q21		2SC3311(A,Q,R)		TRANSISTOR					
Q22	-24	2SC2458(Y,GR)		TRANSISTOR					
Q22	-24	2SC3311(A,Q,R)		TRANSISTOR					
Q25	-28	2SA1048(Y,GR)		TRANSISTOR					
Q25	-28	2SC3311(A,Q,R)		TRANSISTOR					
Q29	,30	2SD2061		TRANSISTOR					
Q31		2SC3244		TRANSISTOR					
Q32		2SC2458(Y,GR)		TRANSISTOR					
Q32		2SC3311(A,Q,R)		TRANSISTOR					

 indicates safety critical components.

No. 5

P-Canada
E-Europe

PARTS LIST

No.7

× New Parts
 Parts without Parts No. are not supplied.
 Les articles non mentionnés dans le Parts No. ne sont pas fournis.
 Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 仕 新	Parts No. 部品番号	Description 部品名／規格	Desti- nation 販 賣 所	Re- marks 備考
Q35		2SD1012	TRANSISTÖR		
Q35		2SD2061	TRANSISTÖR		
Q36		2SA2458 (Y, G)	TRANSISTÖR		
Q36		2SC3311A (Q, R)	TRANSISTÖR		

△ indicates safety critical components.

L:Scandinavia
 Y:PAF(East, Hawaii)
 Y:AFE(Europe)

K:USA
 T:England
 X:Australia

P:Canada
 E:Europe
 M:Other Areas

SPECIFICATIONS

AUDIO SECTION

Rated power output (FTC)

STEREO MODE

130 watts per channel minimum RMS, both channels driven, at 8Ω from 20 Hz to 20 kHz with no more than 0.03 % total harmonic distortion.

SURROUND MODE

Front

100 watts per channel minimum RMS, both channels driven, at 6Ω from 20 Hz to 20 kHz with no more than 0.03% total harmonic distortion.

Center

100 watts per channel minimum RMS, both channels driven, at 6Ω from 20 Hz to 20 kHz with no more than 0.03% total harmonic distortion.

Rear (Surround)

100 watts per channel minimum RMS, both channels driven, at 6Ω from 20 Hz to 20 kHz with no more than 0.03% total harmonic distortion.

Sub woofer

100 watts per channel minimum RMS, both channels driven, at 6Ω from 20 Hz to 20 kHz with no more than 0.03% total harmonic distortion.

Input sensitivity/impedance
MAIN IN 1V/33k Ω

Total harmonic distortion
STEREO MODE
..... 0.0015 % (1 kHz, 65 W, 8 Ω)

Frequency response
MAIN IN 10 Hz-100 kHz, +0 dB, -3 dB

Signal to noise ratio
(IHF A)
MAIN IN 105 dB

GENERAL

Power consumption 7 A

Dimensions W:440 mm (17-5/16")
H: 161.5 mm (6-3/8")
D: 380 mm (14 15/16")

Weight (Net) 20 kg (44.1 lb)

KM-X1

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION
